

CLAIMS

- 5 1. A method for providing an indication of aircraft height relative to an obstruction in a terrain awareness warning system, comprising:
receiving a first datum indicative of a geographic feature of an obstruction;
10 receiving a second datum indicative of a distance of the geographic feature from an aircraft;
receiving a third datum indicative of a height of the aircraft;
receiving a fourth datum indicative of a speed of the
15 aircraft;
calculating a projected height of the aircraft at the location of the obstruction using the first through fourth data;
generating a result signal based on the projected
20 height and the first datum; and
displaying an indication on a display screen based on the generated result signal.
- 25 2. The method of claim 1, wherein the first datum is a height of the obstruction.
- 30 3. The method of claim 1, wherein the indication is a colored area on a display screen having a color selected from the group consisting of: red, yellow, green, and black.